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EXPRESS MAIL NO.: EV475141158US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KIM, Jong Hak *et al.*

Confirmation No.: 2185

Serial No.: 10/750,667

Group Art 1764

Filed: December 31, 2003

Unit:

Examiner:

For: FACILITATED TRANSPORT
MEMBRANES COMPRISING A POROUS
SUPPORTED MEMBRANE AND A
TRANSITION METAL SALT-POLYMER
MIXTURE MEMBRANE CONTAINING
TRANSITION METAL SALT AND
POLYMER CAPABLE OF PHYSICALLY
DISPERSING THE SALT

Docket No.: 8111-038-999

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


Pursuant to 37 C.F.R. 1.56, the applicants respectfully request that the documents listed in the attached form PTO-1449 be made of record and considered in connection with the examination of this application. Copies of the listed documents are enclosed.

The undersigned hereby certifies that each item of information contained in the information disclosure statement was first cited in a search report from the European Patent Office in the European counterpart application not more than three months prior to the filing of the information disclosure statement. Should there be any charge required for this submission, please charge such fees to Jones Day Deposit Account No. 501303.

It is respectfully requested that the Examiner indicates consideration of the cited reference by returning a copy of the attached form PTO-1449 with initials or other appropriate marks.

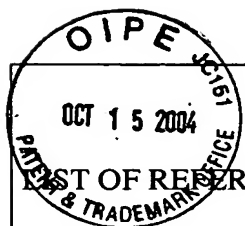
Respectfully submitted,

Date October 15, 2004



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For: Anthony M. Insogna 35,203
JONES DAY
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Enclosures


LIST OF REFERENCES CITED BY APPLICANT
 (Use several sheets if necessary)

ATTY DOCKET NO.

8111-038-999

APPLICATION NO.

10/750,667

APPLICANT

Jong Hak Kim et al.

FILING DATE

December 31, 2003

GROUP

1764

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	5015268	05.14.1991	Ho			09.19.1989
	A02	2001/0013273 A1	08.16.2001	Kang et al.			12.29.2000
	A03	5670051	09.23.1997	Pinnau et al.			05.23.1996
	A04	2001/0015334 A1	08.23.2001	Kang et al.			12.29.2000
	A05						
	A06						
	A07						
	A08						
	A09						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	0 634 204 A1	01.18.1995	EP				
	B02							
	B03							
	B04							
	B05							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	C01	
	C02	
	C03	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.